

WHAT IS CLAIMED IS:

1. A system for requesting a resource over at least one network, the system comprising:
 - a terminal capable of sending a first request for the resource over a first network
 - 5 and a second network;
 - a host capable of receiving the first request, and thereafter sending a first response, wherein the first request identifies the resource at a first location on the host; and
 - a network proxy capable of communicating with the host over the second network
 - 10 independent of the first network, wherein the network proxy is capable of receiving the first response from the host, wherein the network proxy is capable of reformulating the first request into a second request that identifies the resource at a second location, and wherein the network proxy is capable of sending the second request to a host of the resource at the second location such that the host of the resource at the second location
 - 15 can respond to the second request with a second response.
2. A system according to Claim 1, wherein the terminal is capable of sending the first request over a first network comprising a wireless network, and a second network comprising a wireline network.
- 20 3. A system according to Claim 2, wherein the terminal is capable of sending a first hypertext transfer protocol (HTTP) request, and wherein the host is capable of sending a first HTTP response that includes a 3xx "Redirection" status code.
- 25 4. A system according to Claim 1, wherein the network proxy is capable of examining the first response to determine if the first response identifies the resource at the second location, and if the first response does not identify the resource at the second location, sending the first response to the terminal, and wherein the network proxy is capable of reformulating the request and sending the second request if the first response
- 30 does identify the resource at the second location.

5. A system according to Claim 4, wherein the terminal is capable of sending a first hypertext transfer protocol (HTTP) request, wherein the host is capable of sending a first HTTP response, and wherein the network proxy is capable of examining the first response to determine if the first response includes a 3xx "Redirection" status code to
5 thereby determine if the first response identifies the resource at the second location.

6. A system according to Claim 1, wherein the terminal includes a client application, and wherein the system further comprises:
a terminal proxy capable of communicating with the client application
10 independent of the first network, wherein the terminal proxy is capable of receiving the first response and the second response from the network proxy, wherein the terminal proxy is capable of sending the first response to the client application such that the client application can reformulate the first request into a third request that identifies the resource at a second location, and wherein the client application is capable of sending the
15 third request to the terminal proxy such that the terminal proxy can send the second response to the client application.

7. A system according to Claim 6, wherein the network proxy is capable of compressing at least one of the first response and the second response before the terminal
20 proxy receives the first response and second response, and wherein the terminal proxy is capable of uncompressing the compressed at least one of the first response and the second response before sending the respective response to the client application.

8. A method of requesting a resource over at least one network, the method
25 comprising:

sending a first request for the resource from a terminal to a host over a first network and a second network, the first request identifying the resource at a first location on the host;

receiving a first request at the host, and thereafter sending a first response;

receiving the first response at a network proxy, wherein the first response is sent by the host and received at the network proxy over the second network independent of the first network; and

5 reformulating the first request into a second request at the network proxy that identifies the resource at a second location, and thereafter sending the second request to a host of the resource at the second location such that the host of the resource at the second location can respond to the second request with a second response.

9. A method according to Claim 8, wherein sending a first request comprises
10 sending a first request over a first network comprising a wireless network and a second network comprising a wireline network.

10. A method according to Claim 9, wherein sending a first request comprises sending a first hypertext transfer protocol (HTTP) request, and wherein sending a first
15 response comprises sending a first HTTP response that includes a 3xx "Redirection" status code.

11. A method according to Claim 8 further comprising:
examining the first response to determine if the first response identifies the
20 resource at the second location; and
sending the first response to the terminal if the first response does not identify the resource at the second location,
wherein reformulating the request and sending the second request occur if the first response does identify the resource at the second location.

25 12. A method according to Claim 11, wherein sending a first request comprises sending a first hypertext transfer protocol (HTTP) request, wherein sending a first response comprises sending a first HTTP response, and wherein examining the first response comprises examining the first response to determine if the first response
30 includes a 3xx "Redirection" status code to thereby determine if the first response identifies the resource at the second location.

13. A method according to Claim 8, wherein the method further comprises:
sending the first response and the second response to a terminal proxy;
sending the first response to the terminal such that the terminal can reformulate
5 the first request into a third request that identifies the resource at a second location;
sending the third request from the terminal to the terminal proxy, and thereafter
sending the second response to the terminal,
wherein sending the first response to the terminal, sending the third request to the
terminal proxy and sending the second response to the terminal occur independent of the
10 first network.

14. A method according to Claim 13 further comprising:
compressing at least one of the first response and the second response before
sending the first response and second response to the terminal proxy; and
15 uncompressing the compressed at least one of the first response and the second
response before sending the respective response to the terminal.

15. A network proxy comprising:
a processor capable of communicating with a host over a second network
20 independent of a first network, wherein the processor is capable of receiving a first
response from the host, wherein the first response is responsive to a first request sent
from a terminal to the host over the first network and the second network, wherein the
first request identifies a resource at a first location on the host, wherein the processor is
capable of reformulating the first request into a second request that identifies the resource
25 at a second location, and thereafter sending the second request to a host of the resource at
the second location such that the host of the resource at the second location can respond
to the second request with a second response.

16. A network proxy according to Claim 15, wherein the processor is capable
30 of receiving a first response from the host that identifies the resource at the second
location.

17. A network proxy according to Claim 16, wherein the first request comprises a first hypertext transfer protocol (HTTP) request, and wherein the processor is capable of receiving a first HTTP response from the host that includes a 3xx
5 “Redirection” status code.

18. A network proxy according to Claim 15, wherein the processor is capable of examining the first response to determine if the first response identifies the resource at the second location, and if the first response does not identify the resource at the second
10 location, sending the first response to the terminal, and wherein the processor is capable of reformulating the request and sending the second request occur if the first response does identify the resource at the second location.

19. A network proxy according to Claim 18, wherein the first request
15 comprises a first hypertext transfer protocol (HTTP) request, wherein the processor is capable of receiving a first HTTP response from the host, and wherein the processor is capable of examining the first response to determine if the first response includes a 3xx “Redirection” status code to thereby determine if the first response identifies the resource at the second location.

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20. A network proxy according to Claim 15, wherein the terminal includes a terminal proxy, and wherein the processor is capable of sending the first response and the second response to the terminal proxy.

21. A network proxy according to Claim 20, wherein the processor is capable
25 of compressing at least one of the first response and the second response before sending the first response and second response to the terminal proxy.

22. A terminal for requesting a resource over at least one network, the
30 terminal comprising:

a client application capable of sending a first request for the resource to a host over the first network and the second network, the first request identifying the resource at a first location on the host, wherein the client application is capable of sending the first request in a manner so that the host can send a first response that a network proxy can
5 receive over the second network independent of the first network, reformulate into a second request that identifies the resource at a second location, and send the second request to a host of the resource at the second location such that the host of the resource at the second location can respond to the second request with a second response; and
a terminal proxy capable of communicating with the client application
10 independent of the first network, wherein the terminal proxy is capable of receiving the second response and thereafter sending the second response to the client application.

23. A terminal according to Claim 22, wherein the terminal proxy is also capable of receiving the first response, wherein the terminal proxy is capable of sending
15 the first response to the client application such that the client application can reformulate the first request into a third request that identifies the resource at a second location, and wherein the client application is capable of sending the third request to the terminal proxy such that the terminal proxy can send the second response to the client application.

20 24. A terminal according to Claim 23, wherein the terminal proxy is capable of receiving at least one of the first response and the second response compressed such that the terminal proxy can uncompress the compressed at least one of the first response and the second response before sending the respective response to the client application.

25 25. A computer program product comprising a computer-readable storage medium having computer-readable program code portions stored therein, the computer-readable program code portions comprising:

a first executable portion for receiving a first response from a host over a second network independent of a first network, wherein the first response is responsive to a first
30 request sent from a terminal to the host over the first network and the second network, wherein the first request identifies a resource at a first location on the host;

a second executable portion for reformulating the first request into a second request that identifies the resource at a second location; and

a third executable portion for sending the second request to a host of the resource at the second location such that the host of the resource at the second location can

5 respond to the second request with a second response.

26. A computer program product according to Claim 25, wherein the first executable portion is adapted to receive the first response from the host that identifies the resource at the second location.

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27. A computer program product according to Claim 26, wherein the first request comprises a first hypertext transfer protocol (HTTP) request, and wherein the first executable portion is adapted to receive a first HTTP response from the host that includes a 3xx "Redirection" status code.

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28. A computer program product according to Claim 25 further comprising:
a fourth executable portion for examining the first response after the first executable portion receives the first response, wherein the fourth executable portion is adapted to examine the first response to determine if the first response identifies the resource at the second location; and

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a fifth executable portion for sending the first response to the terminal if the first response does not identify the resource at the second location,

wherein the second executable portion is adapted to reformulate the request, and the third executable portion is adapted to send the second request, if the first response does identify the resource at the second location.

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29. A computer program product according to Claim 28, wherein the first request comprises a first hypertext transfer protocol (HTTP) request, wherein the first executable portion is adapted to receive a first HTTP response from the host, and wherein the fourth executable portion is adapted to examine the first response to determine if the

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first response includes a 3xx “Redirection” status code to thereby determine if the first response identifies the resource at the second location.

5 30. A computer program product according to Claim 25, wherein the terminal includes a terminal proxy, and wherein the computer program product further comprises:
 a fourth executable portion for sending the first response and the second response to the terminal proxy.

10 31. A computer program product according to Claim 30 further comprising:
 a fifth executable portion for compressing at least one of the first response and the second response before the fourth executable portion sends the first response and second response to the terminal proxy.

15 32. A computer program product for requesting a resource over at least one network, the computer program product comprising a computer-readable storage medium having computer-readable program code portions stored therein, the computer-readable program code portions comprising:

20 a first executable portion for sending a first request for the resource to a host over the first network and the second network, the first request identifying the resource at a first location on the host, wherein the first executable portion is adapted to send the first request in a manner so that the host can send a first response that a network proxy can receive over the second network independent of the first network, reformulate into a second request that identifies the resource at a second location, and send the second request to a host of the resource at the second location such that the host of the resource
25 at the second location can respond to the second request with a second response; and

 a second executable portion for communicating with the first executable portion independent of the first network, wherein the second executable portion is adapted to receive the second response and thereafter send the second response to the first executable portion.

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33. A computer program product according to Claim 32, wherein the second executable portion is adapted to also receive the first response and thereafter send the first response to the first executable portion, wherein the second executable portion is adapted to send the first response to the first executable portion such that the first executable
5 portion can reformulate the first request into a third request that identifies the resource at a second location, and wherein the first executable portion is adapted to send the third request to the second executable portion such that the second executable portion can send the second response to the first executable portion.

10 34. A computer program product according to Claim 33, wherein the second executable portion is adapted to receive at least one of the first response and the second response compressed, and wherein the second executable portion is adapted to
uncompress the compressed at least one of the first response and the second response before sending the respective response to the first executable portion.

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